中文 ENGLISH

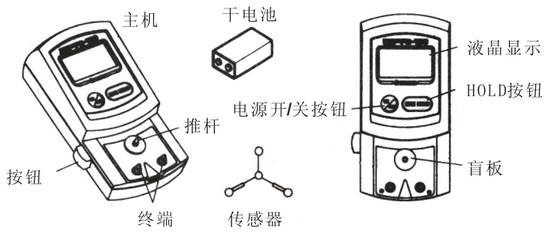
LODESTAR® THERMOMETER **L905100**

温度计使用说明

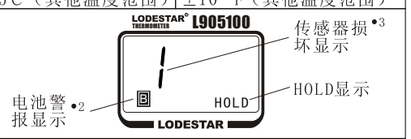
感谢您选用 **LODESTAR®** L905100型温度计。
请详阅本使用说明书，正确使用。

1.包装清单及各部名称

A.主机　B.传感器（10个）　C.9V干电池　D.使用说明书



2.规格

	摄氏型	华氏型
分辨率	1℃	1° F
量度范围	0～700℃ •1	32～1300℃ •1
传感器	K（CA）热电偶	
测定容许差	±3℃（范围～600℃） ±5℃（其他温度范围）	±6° F(范围572～1112° F) ±10° F（其他温度范围）
显示		
电源（电池）	006P 9V干电池(推荐:碱性干电池)	
外部尺寸	68（W）X140（H）X38（D）mm（不包含突起部分）	
重量	115g（不包含电池）	
使用温度范围	0～ 40℃，20～90%RH，无结露	
环境条件	使用规格污染度2（基于IEC/UL61010-1）	

•1温度传感器（191-212）是可以使用至500℃如果测定500℃ 以上时，请使用温度探针请参照5.更换部件/选购部件）。
•2如果显示 🔋 表示干电池含量不足，不能正确测量温度。必须更换新的干电池。
•3传感器断裂时，会显示传感器损坏。请更换新的传感器。
※规格及外观可能改良变更，恕不再另行通知。

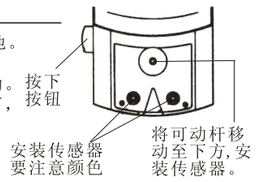
3.安全及使用上的注意事项

※为安全起见，请严格遵守“注意事项”。

⚠注意
- 测量焊铁的焊铁头和焊铁除去器的吸咀温度时，焊铁头的温度会高达200～450℃。
- 测量其他高温产品时，滥用可能导致灼伤或火患，请注意。

4.使用方法

1.打开电池盖，按正确的方向放入电池。
2.安装附带的传感器。
- 按下按钮，可动杆向终端方向移动。
- 在可动杆移动到终端方向的状态下，将传感器安装到可动杆上。
- 将传感器红边置入红色终端，蓝边置入蓝色终端。

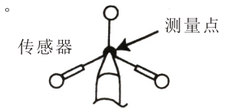


⚠注意
传感器是用非常纤细（直径0.2mm）CA制成，宜小心使用，切勿挤压，否则会导致断裂。

3.传感器安装完毕后打开电源开关。当显示屏显示示温时，温度计便可使用。

注记：
- 按电源的时间太短，可能无法打开，请长按电源开关。
- 电源打开后的液晶显示全部亮起时，电源无法立即关闭。

4. 请在焊铁头上放上新的焊锡，使用焊铁头触及传感器的测量点。



⚠注意
- 温度计本身是用塑料制成，请注意不要要用焊铁头触及。另外请注意也不要用焊铁头触碰终端和可动杆。
- 传感器的测温部分有进行特殊处理，但反复测量会导致传感器老化。为了测量出正确的温度，请更换测温部已损坏的传感器。另外，传感器的更换标准大约为测量次数50次。
- 终端上粘附了助焊剂时，请用酒精擦拭。（请不要用稀释剂和汽油擦拭。）
- 请于温度的显示状态安定后辨读。

●HOLD功能

按下 HOLD 按钮,画面右下方则显示HOLD.此状态下应用于不易读取测量温度的场所。当HOLD功能被开启时，即能恒久锁定LCD之数值，但不能做新的温度测定，除非关闭HOLD锁定开关，才能显示新的测定温度。

5.更换部件/选购部件

●更换部件

编号	部件名称	数量
191-212	传感器（无铅对应）	10个

●选购部件

编号	部件名称	
A1310 •4	适用于测量焊锡槽温度探针	
C1220	适用于测量自动机器温度探针	

•4 焊锡槽专用探针。将传感器拆下，再把探针连接部的红色对红色终端，蓝色对蓝色终端连接到L905100机身，然后用探针插入锡炉即可测量温度。

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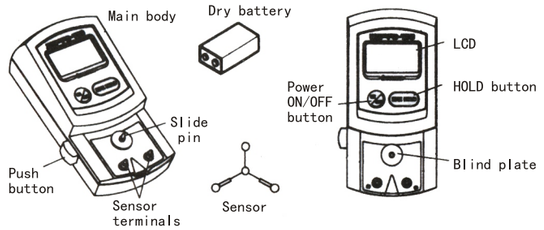
LODESTAR® THERMOMETER **L905100**

THERMOMETER OPERATION MANUAL

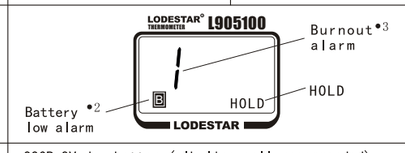
Thank youfor purchasing the **LODESTAR®** thermometer.
Please read this manual before operating the thermometer.
Keep this manual readily accessible for referencd.

1.PACKING LIST AND PAPT NAMES

A.Main body　B.Sensors(10pcs/set)　C.9V Manganese dry battery
D.Instruchtion manual



2.SPECIFICATIONS

	Celsius type	Fahrenheit type
Resolution	1℃	1° F
Temperature measurement range	0～700℃ •1	32～1300℃ •1
Applicable sensor	K（CA）Type thermocouple	
Measurement tolerance	±3℃（between 300 and 600℃） ±5℃（Other than above）	±6° F(between 572 and 1112° F) ±10° F(Othe than above)
Display		
Power supply	006P 9V dry battery(alkaline cell recommended)	
Outline dimensions	68（W）X140（H）X38（D）mm（excluding protrusions）	
Weight	115g（excluding battery）	
Ambient temperature /humidity range	0～ 40℃，20～90%RH，without condensation	
Environmental Condition	Applicable rated pollution degree 2 （According to IEC/UL61010-1）	

•1Temperature sensor(191-212)can only be used to measure temperatures below 500℃(932° F).To measure higher temperatures,use an applicable temperature probe(see"5. REPLACEMENT PARTS AND OPTIONS").
•2When 🔋 appears,be sure to replace the battery.Failure to so will result in incorrect temperature measurements.
•3This alarm indicates a sensor burnout.If this alarm occurs, replace the sensor.
※The specifications may be subject to change without notice.

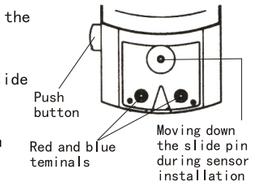
3.SAFETY NOTICE

※Failure to do so may result in serious problems

⚠CAUTION
When using the thermometer to measure the temperature of the soldering iron tip or de-soldering nozzle,pay great attention to the temperature of the tip or nozzle that will be as high as 200 to 450℃ (392 to 842° F).Careless handling of such a hot object may result in a burn or fire.

4.OPERATION

1.Open the battery cover and insert the battery in the correct direction.
2.Attach the sensor:
- Press the push button to move slide pin down to the terminal side.
- While moving down the silde pin, attach a sensor to the slide pin and terminals by connecting the red slide of the sensor to the red terminal and the blue connector to the bule terminal.



⚠CAUTIONS
Handle the sensor with care.Inadvertent handling may break the CA sensor Wire as it is as thin as 0.2mm in diameter.

3.Turn on the power .When the room temperature appears on the LCD,the thermometer is ready for measurement.

NOTES:
- Pressing the power button for a short duration may result in failureto turn on the power.In such a case,press the button gagin for a longer duration.
- The power cannot be turned off during which all screen elements are displayed diredtly after the power is turned on.

4. Wet the soldering iron tip with solder and put the tip to the measuring point.

⚠CAUTIONS
- Do not bring the hot iron tip into contact with the plastic body. Slide pin and terminals of the thermometer.Doing so with damage them.
- The measuring point or the sensor generally undergoes degradation as a result of repeated mesurement activities.It is recommend that the sensor be replaced every 50 measurements as a guideline to ensure measurement accruacy.
- If the terminals are contaminated with the soldering flux,wipe them clean with alcohol.Do not use thinner or benzin for cleaning.
- Please read when the temperature stabilizes.

●HOLD function

When pressing the HOLD button,"HOLD"is displayed at the lower right of the LCD.This condition applies to the place where survey temperature can not be taken read easyily. When the HOLD function is opened, we can permanent lock the value of the LCD unvaryingly namely.But cannot make the new temperature measurement, only if close the HOLD locking key, and then the new determination temperature can be.

5.REPLACEMENT PARTS AND OPTIONS

●Replacement parts

Item No	Part Name	
191-212	Sensor/Lead-free	10pcs.

●Options

Item No	Part Name
A1310 •4	Temperature probe for soldering pot
C1220	Temperature probe for automatic

•4 Remove the standard sensor,and connect the connector of this option to the red terminal of the thermometer and the blue connector the blue terminal.Insert the top of the probe into solder to measure the temperature.

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